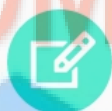
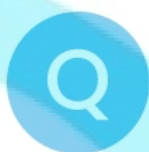


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QUIZZES

Practice Test-1(Alkyl Halides)



10 Questions



7 min

Topics

Classification and Nomenclature of alkyl halides,
Discuss Structure and Reactivity of Alkyl Halides

Start Quiz

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

06 : 58



1/10



7 min

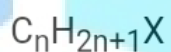


Hint

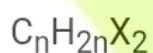
Q :

The general formula of alkyl halides is:

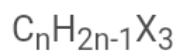
A



B



C



D

All of these

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

5

6

7

06 : 55



2/10



7 min

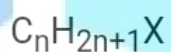


Hint

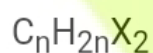
Q :

The general formula of primary alkyl halides is:

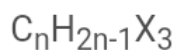
A



B



C



D

All of these

1

2

3

4

5

6

7

06 : 51



3/10



7 min



Hint

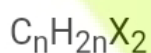
Q :

The general formula of secondary alkyl halides is:

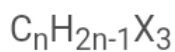
A



B



C



D

All of these

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

5

6

7

06 : 48



4/10



7 min



Hint

Q :

$C_nH_{2n}X_2$ is the general formula of

A

Mono haloalkanes

B

Di- haloalkanes

C

Tri- haloalkanes

D

none of these

1

2

3

4

5

6

7

06 : 45



5/10



7 min



Hint

Q :

Tertiary alkyl halide is that which

A

have only one halogen atom

B

have tertiary carbon atom

C

have three β -carbons

D

All of these

1

2

3

4

5

6

7

06 : 41



6/10



7 min



Hint

Q :

1-Chloro-2,2-dimethylpropane also known as

A

Isobutyl chloride

B

Neopentyl chloride

C

Tertiary butyl chloride

D

Isopropyl chloride

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

5

6

7

06 : 38



7/10



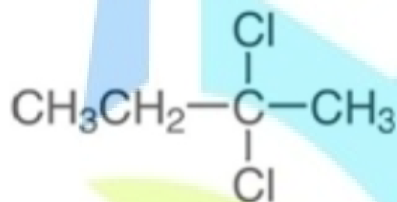
7 min



Hint

Q :

The IUPAC name of following compound is



A

1-Chloro-2-methylpropane

B

2-Chloro-2-methylpropane

C

2,2-Dichlorobutane

D

2-Chloro-4-methylbutane

1

2

3

4

5

6

7

06 : 35



8/10



7 min



Hint

Q :

2-Bromopentane reacts with Alcoholic KOH to give



1-pentene



1-pentanol



2-pentene



2-pentanol

4

5

6

7

8

9

10

06 : 31



9/10



7 min



Hint

Q :

The rate of E_1 reaction depends upon concentration of

A

Substrate only

B

Substrate as well as nucleophile

C

Nucleophile only

D

None of these

4

5

6

7

8

9

10



SAEEDMDCAT

06 : 29



10/10



7 min



Hint

Q :

of the following decides the reactivity of alkyl halides

A

C – C bond strength

B

C – H bond strength

C

C – X bond strength

D

C – X bond polarity

1.

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

4

5

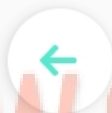
6

7

8

9

10



QUIZ RESULT

Practice Test-1(Alkyl Halides)



10



7 min



01-May-2021



0 sec



0/10



0.0%

SAEED MDCAT

Result Detail

SAEED MDCAT TEAM



SAEEDMDCAT





Practice Test-1(Alkyl Halides)

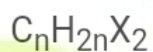
Q:

The general formula of alkyl halides is:

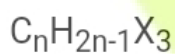
A



B



C



D

All of these

SAEED MDCAT

SAEED MDCAT TEAM

Explanation



SAEEDMDCAT

Mono halo alkanes ($R - X$) are called alkyl halide



Practice Test-1(Alkyl Halides)

Incorrect

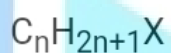
Q

2/10

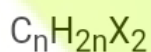
Q :

The general formula of primary alkyl halides is:

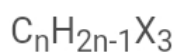
A



B



C



D

All of these

Explanation



SAEEDMDCAT

Mono halo alkanes ($R - X$) are called alkyl halide. These are classified as primary, secondary and tertiary. All have same general formula. The difference in the position of halo group

1

2

3

4

5

6

7

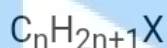


Practice Test-1(Alkyl Halides)

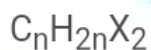
Q:

The general formula of secondary alkyl halides is:

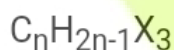
A



B



C



D

All of these

Explanation



SAEEDMDCAT

Mono halo alkanes ($R - X$) are called alkyl halide. These are classified as primary, secondary and tertiary. All have same general formula. The difference in the position of halo group



Practice Test-1(Alkyl Halides)

Incorrect



4/10

Q :

$C_nH_{2n}X_2$ is the general formula of

A

Mono haloalkanes

B

Di- haloalkanes

C

Tri- haloalkanes

D

none of these



SAEEDMDCAT

Explanation

Di- haloalkanes have two halogens

1

2

3

4

5

6

7



Practice Test-1(Alkyl Halides)



Incorrect



5/10

Q :

Tertiary alkyl halide is that which

A

have only one halogen atom

B

have tertiary carbon atom

C

have three β -carbons

D

All of these



Explanation

SAEEDMDCAT

Tertiary alkyl halides are type of mono-haloalkanes

1

2

3

4

5

6

7



Practice Test-1(Alkyl Halides)



Correct



Unattempted



Incorrect



6/10

Q :

1-Chloro-2,2-dimethylpropane also known as

A

Isobutyl chloride

B

Neopentyl chloride

C

Tertiary butyl chloride

D

Isopropyl chloride

1

2

3

4

5

6

7



Practice Test-1(Alkyl Halides)



Correct



Unattempted



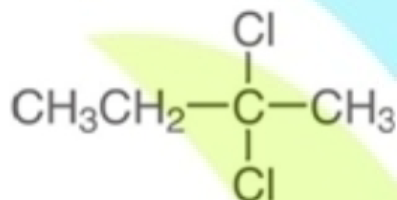
Incorrect



7/10

Q:

The IUPAC name of following compound is



A

1-Chloro-2-methylpropane

B

2-Chloro-2-methylpropane

C

2,2-Dichlorobutane

D

2-Chloro-4-methylbutane

1

2

3

4

5

6

7



Practice Test-1(Alkyl Halides)



Correct



Unattempted



Incorrect



8/10

Q :

2-Bromopentane reacts with Alcoholic KOH to give



1-pentene



1-pentanol



2-pentene



2-pentanol

4

5

6

7

8

9

10



Practice Test-1(Alkyl Halides)



Incorrect



9/10

Q:

The rate of E_1 reaction depends upon concentration of

A

Substrate only

B

Substrate as well as nucleophile

C

Nucleophile only

D

None of these



Explanation

SAEEDMDCAT

Rate = $k [R - X]^1$ or Rate = $k [\text{Substrate}]^1$

4

5

6

7

8

9

10



Practice Test-1(Alkyl Halides)



Correct



Unattempted



Incorrect



10/10

Q:

of the following decides the reactivity of alkyl halides

A

C – C bond strength

B

C – H bond strength

C

C – X bond strength

D

C – X bond polarity

1.

Explanation

Deciding factor for the reactivity of alkyl halide is
C – X bond strength

4

5

6

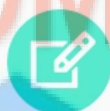
7

8

9

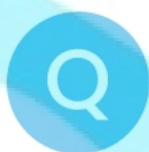
10

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QUIZZES

Practice Test-1(Alcohols and Phenols)



10 Questions



7 min

Topics

Classification and Nomenclature of alcohols,
Preparation of Alcohols, Reactivity of Alcohols

Start Quiz

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

06 : 59



1/10



7 min



Hint

Q : The IUPAC name of secondary butyl alcohol is

A

1-Butanol

B

2-Butanol

C

2-Methyl 2-propanol

D

n-Butanol

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

5

6

7

06 : 56



2/10



7 min



Hint

Q : In tertiary alcohols the tertiary carbon is attached to

A

One hydrogen atom

B

Two hydrogen atoms

C

Three hydrogen atoms

D

One hydroxal group

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

5

6

7

06 : 54



3/10



7 min



Hint

Q : Which of the following can be obtained by inorganic raw materials?

A

Methyl alcohol

B

Ethyl alcohol

C

Diethyl ether

D

Phenol

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

5

6

7

06 : 52



4/10



7 min



Hint

Q : Which one is NOT used for denaturing of alcohol

A

Methanol

B

Pyridine

C

Acetone

D

Alanine

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

5

6

7

06 : 49



5/10



7 min



Hint

Q : Which enzyme is not involved in the formation of alcohol

A

Diastase

B

Zymase

C

Urease

D

Invertase

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

5

6

7

06 : 46



6/10



7 min



Hint

Q :

Ethanol is denatured by addition of 10% methanol to make it unfit for drinking is called

A

Rectified spirit

B

Methylated spirit

C

Absolute alcohol

D

Commercial alcohol

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

5

6

7

06 : 44



7/10



7 min



Hint

Q : Aldehyde are prepared by the oxidation of

A

Primary alcohols

B

Tertiary alcohols

C

Secondary alcohols

D

Secondary alcohols

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

5

6

7

06 : 40



8/10



7 min



Hint

Q : Which of the following alcohol oxidizes easily

A

Primary

B

Tertiary

C

Secondary

D

All can be oxidize with equal ease

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

4

5

6

7

8

9

10

06 : 38



9/10



7 min



Hint

Q : Ethyl alcohol is heated with conc. H_2SO_4 at 180°C .
The product formed

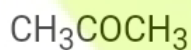
A



B



C



D



SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

4

5

6

7

8

9

10

06 : 35



10/10



7 min



Hint

Q : Dehydration products of alcohols are

A

Alkanes

B

Alkenes

C

Alkynes

D

Aldehydes

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

4

5

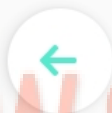
6

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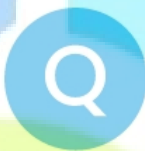
9

10



QUIZ RESULT

Practice Test-1(Alcohols and Phenols)



10



7 min



01-May-2021



0 sec



0/10



0.0%

SAEED MDCAT

Result Detail

SAEED MDCAT TEAM



SAEEDMDCAT





Practice Test-1 (Alcohols and Phenols)



Correct



Unattempted



Incorrect



1/10

Q : The IUPAC name of secondary butyl alcohol is

A

1-Butanol

B

2-Butanol

C

2-Methyl 2-propanol

D

n-Butanol

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

5

6

7



Practice Test-1 (Alcohols and Phenols)



Correct



Unattempted



Incorrect



2/10

Q : In tertiary alcohols the tertiary carbon is attached to

A

One hydrogen atom

B

Two hydrogen atoms

C

Three hydrogen atoms

D

One hydroxal group

Explanation

In tertiary alcohol, tertiary carbon is attached to one hydroxyl group three carbons and no hydrogen.

1

2

3

4

5

6

7



Practice Test-1(Alcohols and Phenols)



Correct



Unattempted



Incorrect



3/10

Q : Which of the following can be obtained by inorganic raw materials?



Methyl alcohol



Ethyl alcohol



Diethyl ether



Phenol

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

5

6

7



Practice Test-1(Alcohols and Phenols)



Correct



Unattempted



Incorrect



4/10

Q : Which one is NOT used for denaturing of alcohol

A

Methanol

B

Pyridine

C

Acetone

D

Alanine

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

5

6

7



Practice Test-1 (Alcohols and Phenols)



Correct



Unattempted



Incorrect



5/10

Q : Which enzyme is not involved in the formation of alcohol

A

Diastase

B

Zymase

C

Urease

D

Invertase

Explanation

SAEED MDCAT TEAM

Urease carries out hydrolysis of urea.

1

2

3

4

5

6

7



Practice Test-1(Alcohols and Phenols)



Correct



Unattempted



Incorrect



6/10

Q :

Ethanol is denatured by addition of 10% methanol to make it unfit for drinking is called

A

Rectified spirit

B

Methylated spirit

C

Absolute alcohol

D

Commercial alcohol

1

2

3

4

5

6

7



Practice Test-1(Alcohols and Phenols)



Correct



Unattempted



Incorrect



7/10

Q : Aldehyde are prepared by the oxidation of

A

Primary alcohols

B

Tertiary alcohols

C

Secondary alcohols

D

Secondary alcohols

Explanation

Aldehyde are prepared by the oxidation of primary alcohols



1

2

3

4

5

6

7



Practice Test-1(Alcohols and Phenols)



Correct



Unattempted



Incorrect



8/10

Q : Which of the following alcohol oxidizes easily



Primary



Tertiary



Secondary



All can be oxidize with equal ease

Explanation

Primary alcohol is less sterically hindered.



SAEEDMDCAT

4

5

6

7

8

9

10



Practice Test-1 (Alcohols and Phenols)



Correct



Unattempted



Incorrect



9/10

Q : Ethyl alcohol is heated with conc. H_2SO_4 at 180°C .
The product formed

A



B



C



D



Explanation

SAEED MDCAT TEAM

At 180°C elimination is favoured over elimination.



SAEEDMDCAT

4

5

6

7

8

9

10



Practice Test-1(Alcohols and Phenols)



Correct



Unattempted



Incorrect



10/10

Q : Dehydration products of alcohols are

A

Alkanes

B

Alkenes

C

Alkynes

D

Aldehydes

Explanation

Dehydration is an example of elimination reaction which will produce alkene.



SAEEDMDCAT

4

5

6

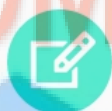
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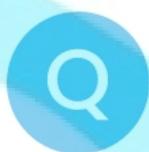
10

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QUIZZES

Practice Test-2 (Alcohols and Phenols)



10 Questions



7 min

Topics

Nomenclature and Physical Properties of Phenols, Acidity and Reactivity of Phenol

Start Quiz

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

06 : 58



1/10



7 min



Hint

Q :

Which one of the following is not property of phenol

A

It is insoluble in water

B

It is weaker acid than carboxylic acid

C

It is less reactive to nucleophiles

D

It is poisonous nature

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

5

6

7

06 : 56



2/10



7 min



Hint

Q : Phenol reacts with alkaline acetyl chloride to form

A

Arial

B

Phenyl acetate

C

para-Hydroxy acetophenone

D

Acetophenone

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

5

6

7

06 : 53



3/10



7 min



Hint

Q : Which of the following is least acidic

A

Ethanoic acid

B

Phenol

C

Water

D

Ethanol

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

5

6

7

06 : 51



4/10



7 min



Hint

Q : Which of the following shows more acidic strength?

A

RCOOH

B

HOH

C

$\text{C}_6\text{H}_5\text{OH}$

D

ROH

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

5

6

7

06 : 49



5/10



7 min



Hint

Q : Which one of the following is not property of phenol

A

It is insoluble in water

B

It is weaker acid than carboxylic acid

C

It is less reactive to nucleophiles

D

It is poisonous nature

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

5

6

7

06 : 46



6/10



7 min



Hint

Q : When phenol is treated with Zn, the product formed is

A

Benzoic acid

B

Benzene

C

Toluene

D

Phenyl acetate

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

5

6

7

06 : 44



7/10



7 min



Hint

Q : Nitration of phenol produces an explosive called

A

O-Nitrophenol

B

Picric acid

C

TNT

D

Carbolic acid

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

3

4

5

6

7

06 : 41



8/10



7 min



Hint

Q : Phenol is

A

White PPt

B

Brown liquid

C

Rddish brown liquid

D

Colorless

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

4

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10

06 : 38



9/10



7 min



Hint

Q : Which of the following is not the property of phenol?

A

phenol is colorless

B

It is crystalline solid

C

It is sparingly soluble in water

D

All are properties of phenol

SAEED MDCAT

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06 : 35



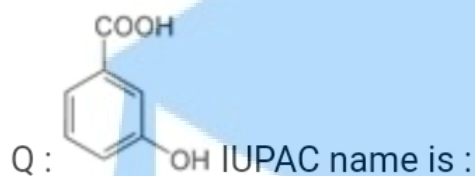
10/10



7 min



Hint



A

3-Hydroxybenzoic acid

B

p-Hydroxybenzene carboxylic acid

C

3-carboxyl phenol

D

m-Hydroxybenzoic acid

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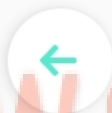
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QUIZ RESULT

Practice Test-2 (Alcohols and Phenols)



10



7 min



01-May-2021



0 sec



0/10



0.0%

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Result Detail

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SAEEDMDCAT





Practice Test-2 (Alcohols and Phenols)



Correct



Unattempted



Incorrect



1/10

Q:

Which one of the following is not property of phenol

A

It is insoluble in water

B

It is weaker acid than carboxylic acid

C

It is less reactive to nucleophiles

D

It is poisonous nature

1

2

3

4

5

6

7



Practice Test-2 (Alcohols and Phenols)



Correct



Unattempted



Incorrect



2/10

Q : Phenol reacts with alkaline acetyl chloride to form

A

Arial

B

Phenyl acetate

C

para-Hydroxy acetophenone

D

Acetophenone

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

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Practice Test-2 (Alcohols and Phenols)



Correct



Unattempted



Incorrect



3/10

Q : Which of the following is least acidic

A

Ethanoic acid

B

Phenol

C

Water

D

Ethanol

SAEED MDCAT

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SAEEDMDCAT

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Practice Test-2 (Alcohols and Phenols)



Correct



Unattempted



Incorrect



4/10

Q : Which of the following shows more acidic strength?



RCOOH



HOH



C₆H₅OH



ROH

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

1

2

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Practice Test-2 (Alcohols and Phenols)



Correct



Unattempted



Incorrect



5/10

Q : Which one of the following is not property of phenol

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SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

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Practice Test-2 (Alcohols and Phenols)



Correct



Unattempted



Incorrect



6/10

Q : When phenol is treated with Zn, the product formed is

A

Benzoic acid

B

Benzene

C

Toluene

D

Phenyl acetate

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

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Practice Test-2 (Alcohols and Phenols)



Correct



Unattempted



Incorrect



7/10

Q : Nitration of phenol produces an explosive called

A

O-Nitrophenol

B

Picric acid

C

TNT

D

Carbolic acid

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

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5

6

7



Practice Test-2 (Alcohols and Phenols)



Correct



Unattempted



Incorrect



8/10

Q : Phenol is

A

White PPt

B

Brown liquid

C

Rddish brown liquid

D

Colorless

SAEED MDCAT

SAEED MDCAT TEAM



SAEEDMDCAT

4

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10



Practice Test-2 (Alcohols and Phenols)



Correct



Unattempted



Incorrect



9/10

Q : Which of the following is not the property of phenol?

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Practice Test-2 (Alcohols and Phenols)



Correct



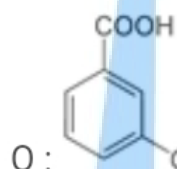
Unattempted



Incorrect



10/10



IUPAC name is :

A

3-Hydroxybenzoic acid

B

p-Hydroxybenzene carboxylic acid

C

3-carboxyl phenol

D

m-Hydroxybenzoic acid

SAEED MDCAT

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